

ABSTRACT

A method and system for providing convergence of data copies in asynchronous data replication in a database system, includes: labeling rows of a plurality of table copies with a monotonic number, a copy identification, and propagation controls; asynchronously capturing at least one labeled change to any row of any of the plurality of table copies from a database recovery log; determining that the captured change is to be communicated to others of the plurality of table copies; communicating the captured change to the others of the plurality of table copies; and applying the communicated change to the others of the plurality of table copies, where the plurality of table copies converge to a same state. In applying the communicated changes, conflicting changes are identified and resolved. In this manner, convergence of data copies in asynchronous data replication is provided, and processing and storage costs are significantly reduced.